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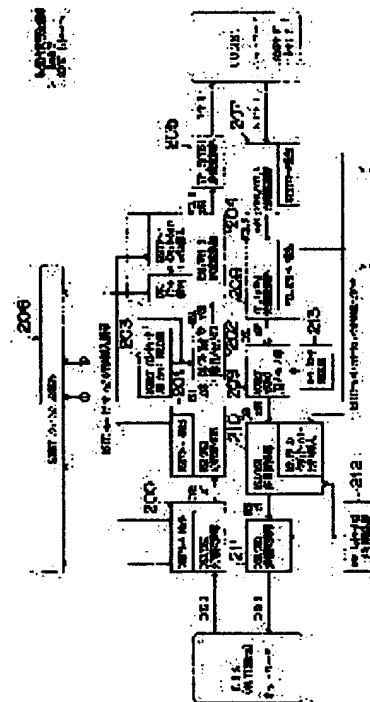
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(54) DEVICE AND METHOD FOR INTERFACE BETWEEN COMMUNICATION NETWORKS

(57)Abstract:

PROBLEM TO BE SOLVED: To enable the service of the network of a DS3 signal for a device for supporting a SONET VT network by providing a method for mapping a signal to the SONET network so that a VT1.5 signal matches an STS1 format.

SOLUTION: A DS3 signal inputted from a DS3 network is terminated by a DS3/DS2 demultiplexing part 200, demultiplexed to the DS2 signal of 7ch and transmitted to a DS2/DS1 demultiplexing part 201. The DS2 signal terminated by the DS2/DS1 demultiplexing part 201 is demultiplexed to the DS1 signal of 4ch and outputted through a memory part for DS1. format transformation to a DS1/VT1.5 multiplexing part 204. At the DS1/VT1.5 multiplexing part 204, the DS1 signal is multiplexed to the VT1.5 signal and outputted to a VT1.5/ STS1 multiplexing part 205. The VT1.5 signal is multiplexed to the STS1 signal there and outputted to the SONET network.



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